

Converting Colors

CIELCh(97, 18.186, 120.438)

Have a look what the booklet for
CIELCh(97, 18.186, 120.438)
contains.

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Color

CIELCh(97, 18.172, 120.441)

Conversions

Conversions Part 1

Format	Color
Hex	F1FBD8
RGB	241, 251, 216
RGB Percent	95%, 98%, 85%
CMY	0.0559, 0.0166, 0.1539
CMYK	0.04, 0.00, 0.14, 0.02
HSL	77°, 80%, 91%
HSV	77°, 14%, 98%
XYZ	82.9729, 92.4403, 78.2704
YIQ	244.0200, 5.2750, -13.0050

Conversions

Conversions Part 2

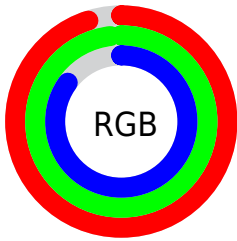
Format	Color
R_YB	216, 251, 226
Decimal	15858648
CIE Lab	97.00, -9.21, 15.67
CIE LCh	97, 18.172, 120.441
Yxy	92.4403, 0.3271, 0.3644
Android (android.graphics.Color)	4294048728 (0xFFFF1FBD8)
YUV	244.0200, -13.8139, -2.6485
Hunter-Lab	96.1459, -14.2117, 19.0354

Details

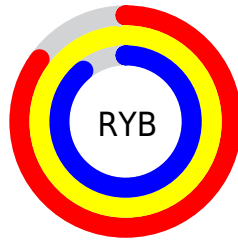
The CIELCh color **97, 18.172, 120.441** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **88, 18.681, 302.152**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 18.525, 120.575** is the 20% darker color. If you saturate the color by 10%, you get **96, 31.111, 119.836**, and if you desaturate by 10%, it is **98, 5.149, 121.048**.

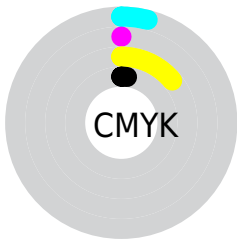
Distribution



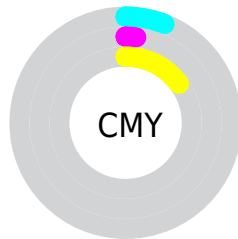
- Red (95%)
- Green (98%)
- Blue (85%)



- Red (85%)
- Yellow (98%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (14%)
- Black (2%)





- Cyan (6%)
- Magenta (2%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 18.172, 120.441 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 97, 18.172, 120.441 by changing the saturation by 10% instead.


 97, 18.172,
120.441


 97, 18.172,
120.441


 100, 18.172,
120.441


 87, 18.172,
120.441

 77, 18.172,
120.441

 67, 18.172,
120.441

 57, 18.172,
120.441

 47, 18.172,
120.441

 37, 18.172,
120.441

 27, 18.172,

120.441

■ 17, 18.172,
120.441

■ 7, 18.172, 120.441

■ 97, 18.172,
120.441

■ 97, 18.172,
120.441

■ 96, 31.111,
119.836

■ 98, 5.149, 121.048

■ 95, 43.840,
119.236

■ 99, 2.644, 324.417

■ 94, 56.189,
118.674

■ 93, 67.895,
118.197

■ 93, 78.572,
117.873

■ 92, 87.694,
117.797

■ 92, 94.661,
118.082

■ 91, 99.044,
118.821

■ 91, 100.655,
119.452

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



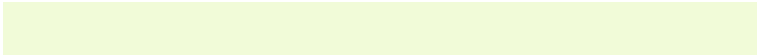
97, 18.172, 120.441



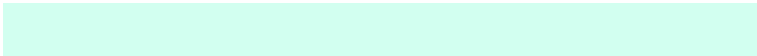
88, 18.681, 302.152

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 18.172, 120.441



97, 18.172, 170.441



97, 18.172, 300.441



97, 18.172, 350.441

Sweetspot

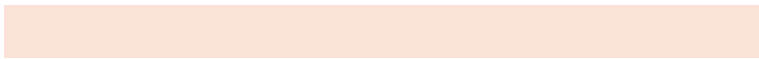
The Sweet Spot groups the original color and five complimentary colors.



97, 18.174, 120.445



100, 5.276, 121.045



92, 10.608, 48.646



53, 3.751, 121.000



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

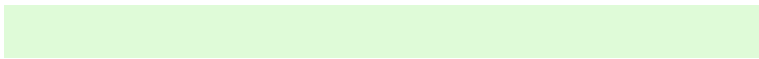
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 18.174, 120.445



98, 22.428, 120.259



96, 20.491, 137.661



52, 7.384, 120.715



70, 81.172, 119.207



23, 35.638, 117.976

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88, 18.681, 302.152



87, 23.194, 302.370



89, 20.650, 318.915



48, 7.528, 301.849



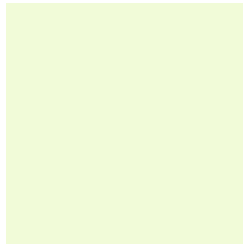
25, 103.817, 308.134



4, 42.796, 306.893

Previews

White Background



This preview shows how the CIELCh color 97, 18.172, 120.441 looks on a white background.

Color Contrast Check

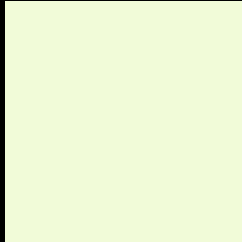
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 18.172, 120.441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

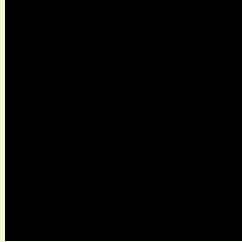
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

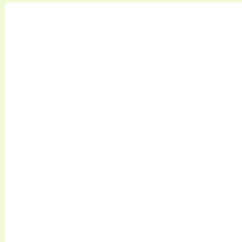
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 18.172, 120.441

Background



This preview shows how black text looks on a background with the CIELCh color 97, 18.172, 120.441.

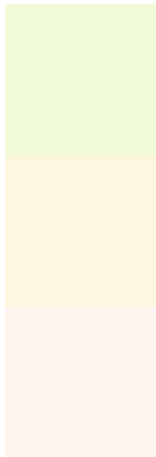


This preview shows how white text looks on a background with the CIELCh color 97, 18.172, 120.441.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

97, 18.172, 120.441

Protanopia

97, 12.154, 93.514

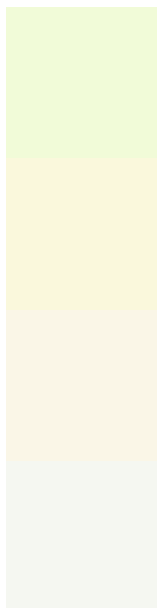
Deuteranopia

97, 4.410, 47.004



Tritanopia
97, 5.180, 298.262

Trichromacy



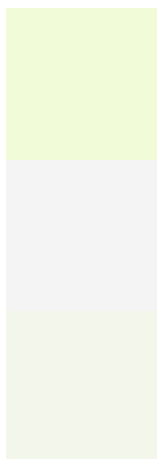
Original Color
97, 18.172, 120.441

Protanomaly
97, 14.254, 106.128

Deuteranomaly
97, 7.766, 98.867

Tritanomaly
97, 3.140, 122.941

Monochromacy



Original Color
97, 18.172, 120.441

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 6.222, 119.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 18.172, 120.441 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 251, 216)` looks like.

```
.text, #text, p{  
    color:rgb(241, 251, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 251, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 251, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 18.172, 120.441 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 251, 216) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 251, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 251, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 251, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 251, 216);  
box-shadow:4px 4px 4px 4px rgb(241, 251,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 18.172, 120.441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 251, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
251, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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